

Listing of the Claims:

Claims 1-26 (Cancelled)

Claim 27 (Previously Presented): An isolated nucleic acid comprising:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO:83);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO: 83);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide;
- (e) the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82);
- (f) the full-length coding sequence of the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82); or
- (g) the full-length-coding sequence of the cDNA deposited under ATCC accession number 209621.

Claim 28 (Previously Presented): The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO: 83).

Claim 29 (Previously Presented): The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide.

Claim 30 (Previously Presented): The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO:83).

Claim 31 (Previously Presented): The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide.

Claim 32 (Previously Presented): The isolated nucleic acid sequence of Claim 27 comprising the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82).

Claim 33 (Previously Presented): The isolated nucleic acid sequence of Claim 27 comprising the full-length coding sequence of the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82).

Claim 34 (Previously Presented): The isolated nucleic acid sequence of Claim 27 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 209621.

Claim 35 (Previously Presented): An isolated nucleic acid that hybridizes under high stringency conditions to:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO:83);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide;
- (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO: 83);
- (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 32 (SEQ ID NO: 83), lacking its associated signal peptide;
- (e) the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82);
- (f) the full-length coding sequence of the nucleic acid sequence shown in Figure 31 (SEQ ID NO:82); or
- (g) the full-length-coding sequence of the cDNA deposited under ATCC accession number 209621.

Claim 36 (Previously Presented): The isolated nucleic acid of Claim 35, wherein said hybridization occurs under high stringency conditions selected from the group consisting of:

50% formamide, 5 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate), 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% sodium dodecyl sulphate, and 10% dextran sulfate at 42°C, with washes at 42°C in 0.2 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate) and 50% formamide at 55°C, followed by a high-stringency wash consisting of 0.1 x SSC (0.75 M sodium chloride, 0.075 N sodium citrate) containing EDTA at 55°C.

Claim 37 (Previously Presented): The isolated nucleic acid of Claim 35 which is at least 10 nucleotides in length.

Claim 38 (Currently Amended): A vector comprising the nucleic acid of Claim 2527.

Claim 39 (Previously Presented): The vector of Claim 38, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

Claim 40 (Previously Presented): A host cell comprising the vector of Claim 38.

Claim 41 (Previously Presented): The host cell of Claim 40, wherein said cell is a CHO cell, an E. coli or a yeast cell.